

Shiro



• User Manual •

SD8301

Digital Enhanced Cordless Communication

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WHAT THE SYMBOLS MEAN



Battery charge level

Whenever this shows 'nearly empty' (☐), put the handset on the base unit to charge the batteries. While the battery is being charged, the level shown will keep changing.



Mute

Your handset's microphone is muted.



Signal level

Shows the strength of the signal between the handset and base unit, and flashes when you are out of range of the base unit, when the level is low, or the symbol is flashing, move closer to base unit.



Phone

To indicate there is a missed call.



Speakerphone

Your handset's loudspeaker is on.



Messages

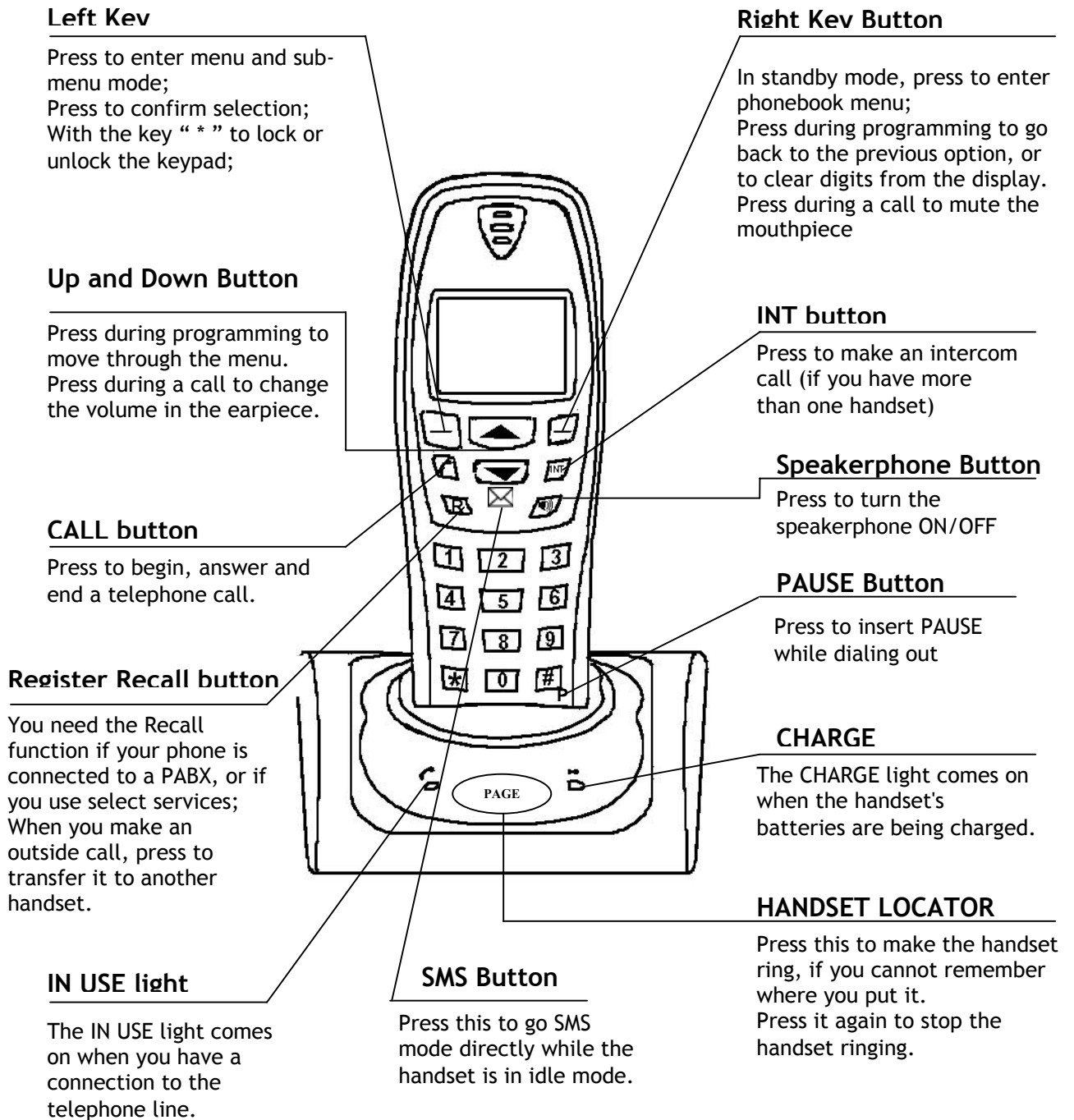
Message has been received.



Lock

Your handset's keypad is locked.

KEYPAD DESCRIPTION (HANDSET + BASE UNIT)



Before you can use the handset to make calls for the first time, you will need to fit and fully charge the battery for 15 hours.

SETTING UP YOUR TELEPHONE

Connection and conditions for use

You can connect your phone to a direct exchange line (DEL), a line connected to a local exchange, with its own phone number; to an extension socket connected to a DEL; or to an extension on an approved compatible PBX. Do not connect the Phone as an extension to a payphone.

How many phones can you connect?

The ringer equivalence numbers (RENs) of all instruments (phones, fax machines, etc.) connected to an exchange line must not add up to more than 4, otherwise, one or more of them may not ring and/or answer calls correctly. The Phone has a REN of 1, and most other telephones have a REN of 1 unless marked otherwise.

Radio signals between handset and base unit

To use your handset and base unit together, you must be able to establish a radio link between them. Be aware that:

- Sitting the base unit as high as possible will give better results, in a two-storey house, the best position may be on the first-floor landing.
- Any large metal object, like a fridge, a mirror or a filing cabinet, between the handset and base unit may block the radio signal.
- Other solid structures, like walls, may reduce the signal strength.

Choosing a site for the base unit

The base unit should be placed on a level surface, in a position where:

- The adapter plug will reach a 230 V AC switched mains supply socket; never try to lengthen the mains power cable.
- The telephone cable will reach your telephone line socket or extension socket.
- It is not close to another telephone, this can cause radio interference.
- It is not close to a sink, bath or shower, or anywhere else where it might get wet.
- It is not close to other electrical equipment, fridges, washing machines, microwave ovens, TVs, fluorescent lights, etc.

What's in this pack

Please check the box contents for completeness.
If any parts are missing, return complete box to your supplier.

- The cordless handset
- The base unit
- Rechargeable battery cell(AAA size x 2 PCS)
- A telephone line cable (different from country to country)
- A mains power lead and adaptor (different from country to country)
- Charger pods (not available for single handset)
- User manual

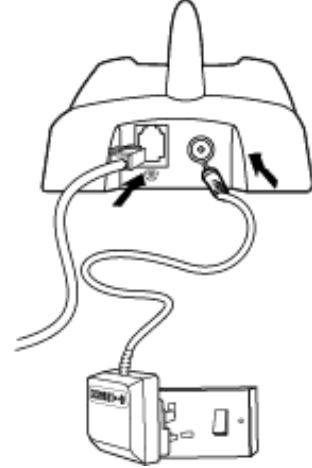
Note: Keep your proof of purchase to support any guarantee claim.

INSTALLATION

1. Choose a suitable site for the base unit

Make sure it is not near to another telephone, nor to other electrical equipment.

2. Plug the mains power lead and the telephone line cord into the rear of the base unit.



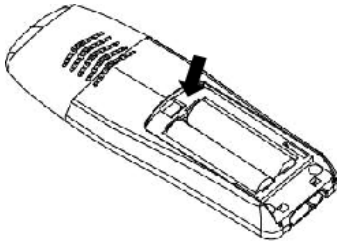
3. Plug the mains adapter into a 230 V AC, 50 Hz mains socket with the switch on the socket set to OFF.

Note: The illustration of adaptor may vary from country to country.

4. Switch on mains power at the socket

5. Fit the battery in the handset(s)

Insert the battery cell as shown

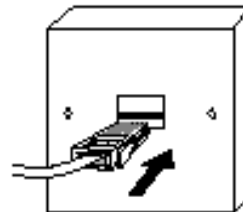


Fit the battery compartment cover, sliding it until it clicks firmly into Position.

6. Connect the base unit to the telephone line

Switch off power at the mains socket.
Insert the telephone line plug into the socket.
Switch mains power back on

Make sure the mains socket is switched on if you want to use the phone---it will not work without electrical power.



Use the plug to raise the shutter before pushing it into the socket

Note:

1. The charger pod does not have a connection to the telephone line.
2. When Handset is placed onto the charge pod, a red light lights up to indicate it is charging.
3. The illustration of telephone's socket may vary from country to country.

IMPORTANT SAFETY INFORMATION

This equipment is not designed for making emergency calls in the event of a power failure. Alternative arrangements should be made for access to emergency services.

(This means that you should also have a basic phone that does not need mains power, connected to your line so that you can make calls during a power failure)

People with a heart pacemaker should consult their doctor before using the telephone.

If you wear a hearing aid, you should note phone works by transmitting radio waves between base and handset that may cause a humming noise.

1. **DO NOT** clean any part of your phone with benzene, thinner or other solvent chemicals, which may cause permanent damage to your phone. This damage is not covered by the Guarantee. When necessary, clean it with a damp cloth.

Cleaning it with a wet cloth may give you an electric shock.

2. **DO NOT** use this equipment in places where volatile or explosive materials may be present.

3. **DO NOT** let the base unit get wet. Electrical equipment can cause serious injury if used while you are wet or standing in water. NEVER use your phone during a thunderstorm. Unplug the base unit from the telephone line and the mains socket when there are storms in your area. Damage caused by lightning is not covered by the Guarantee.

4. The phone will produce a certain amount of heat during operation. For this reason it is recommended that this equipment is **NOT** placed in direct contact with antique, veneered or delicate furniture surfaces.

5. **DO NOT** dispose batteries with normal household waste.

6. The phone DECT phone emits radio signals which could interfere with other electronic equipment, computers, radio, TV set, clock radio alarms, etc.

A distance of at least one meter should be maintained between phone base station and other equipment. This will minimize the risk of such interference.

7. When you do not need to carry your handsets around, leave them on the base unit or charger pod, to keep the batteries charged.

8. If you hear a warning tone as move around during a call, and/ or the sound in the earpiece becomes faint or distorted; you may be going out of range of the base unit. Move nearer to the base unit within 20 seconds, until the tone stops. Otherwise your call may be cut off.

WARRANTY INFORMATION

Your phone is covered by a 12-month warranty from the date of purchase shown on your sales receipt. The warranty does not cover the batteries, misuse or damage caused by a storm or excessive voltages.

If you have any problems using the phone, check the Troubleshooting section at the back of this manual. If you need to return your phone to our Repair Center while it is under guarantee, there will be some handling charge.

MAKING AND ANSWERING CALLS

To switch the handset ON or OFF

Press and hold the CLEAR button for 2-3 seconds to switch the handset ON or OFF.

To Make a Call

1. Key in the telephone number;
2. Press and hold the CALL button to make a call.

To Dial a Number from Call Logs

1. Select <Missed Calls>, <Received Calls> or <Dialed Calls> under *CALL INFO* mode;
2. Press left key, the display shows these calls;
3. Select the telephone number you want to call, then press the CALL button to make call

To Answer a Call

- When the handset and base unit ring, press the CALL button to answer a call.
- When the AUTO TALK is turned on, you can simply answer the call by lifting the handset from the base unit (see *AUTO TALK*).

To End a Call

- When the talking is over, you just press the CALL button to end the call.

To Save a Call

- When you scroll through the dialed, received and missed calls numbers, press left key, then select <Save>, you can save the call number and name.

Earpiece Volume

- During a call, you just press UP / DOWN button to adjust the volume of the earpiece (1-9 level).

To Mute the Mouthpiece

- During a call, if you want the person on the other hand end cannot hear you; press right key once to mute the mouthpiece;
- While the mouthpiece is muted, you cannot press any number key to send digits down the line;
- Press right key again to get back the call To Get Back to the Call.

MESSAGE FUNCTIONS

The phone is equipped with text message function, which allows you to send and receive SMS (Short Message Service) from other compatible fixed line SMS phones. You need to register with your fixed line network operator for the SMS service before using phone for messaging. Inbox, Outbox and Draft box can store up to 40 text messages.

Inbox

The Inbox is to store the received messages. In order to keep enough space for messages, you should delete messages frequently.

- Select <Inbox> under *MESSAGE* mode, press left key, a list of received messages is displayed. Press UP/DOWN button to scroll through the messages;
- The text of message is displayed, then press left key, the display shows the details of the message, including the date and the time the message is received;
- After message is read, press left button, you can delete, reply, forward or save number.

Outbox

Outbox contains messages you have saved.

- Select <Outbox> under *MESSAGE* mode, press left key, a list of saved messages is displayed. Press **UP/DOWN** button to scroll through the messages;
- Then you can edit, delete or send the message.

To Read Message

- Under <MESSAGE> menu, select Inbox, Outbox or Draft, then press left key, you can read messages if there's stored messages.

To Write Message

1. Select <Write Message> under *MESSAGE* mode;
2. Enter text using the number keypad. Press right key once to clear one letter; press and hold right key to clear the screen;
3. Use the button to backspace;
4. For symbols, the key "1" is used for the following symbols: ? ! @ \$ % ^ &;
5. Press number "0" twice consecutively, it is used for Spacebar.
6. If text entry is interrupted by incoming call, the message will be saved in the draft box.

To Send Message

1. After entering a message, then press left key, you can choose to send message to one number, or to group numbers;
2. Key in the number, then press left key to confirm, the display shows "Sending...";
3. When message is successfully sent, the display shows "Message sent successfully."
4. If sending fails, the screen will display "Send failed";
5. The sent message will not be saved automatically.

To Save Message

- After you type a message, press left key, then select *Save message*;
- Press left key again to save this message to Outbox, the display shows "Saving..."

To Toggle Between Upper/Lower Case, Number or Symbol

Note: Under Phonebook/SMS mode, press # button to toggle between Upper/Lower Case, Number or Symbol. Press **OK** button to make the settings permanent.

CONFERENCE CALLING

You need to register with your fixed line network operator for conference calling service. It is dependant on service availability and subscription.

To Make Conference Call:

- Connect the first party;
- Press **RECALL** button, and the first party is put on hold;
- Dial second party's phone number;
- When connected, press **RECALL** button again to connect the three parties together.

PHONEBOOK

Up to 50 or 100 (depending on your country location) records could be stored in each handset's Phone Book. Each record can store up to 20 digits, and names of up to ten characters. In standby mode, press right key, and the display shows phonebook list.

To Store New Number into Phonebook

1. In standby mode, press right key, enter Phonebook mode, the display shows the stored numbers;

2. Press left key and **UP / DOWN** button, and goes to the location *New Entry*;
3. Then press left key again, and key in the name;
4. Press left key to confirm, and key in the number;
5. Now press left key to store it.

To Delete a Number or All Numbers from Phonebook

1. Under Phonebook, press **UP / DOWN** button to scroll through the stored numbers;
2. Select the number you want to delete, then press left key, then **UP / DOWN** button till to the location *Delete*;
3. Now press left key to delete current number or all numbers; the display shows *Ok?*
4. Press left key to delete the number/numbers.

To Modify (Change) a Number in Phonebook

1. Under Phonebook, press **UP / DOWN** button to scroll through the stored numbers;
2. Select the number you want to modify, then press left key, then **UP / DOWN** button to the location *Edit Entry*;
3. Press left key to confirm, right key to clear the old name, and key in the new name;
4. Press left key to save the edit, also goes to the stored number; press right key to clear the old number and key in the new number;
5. Then press left key to save the change.

CALL LOGS

Call Logs store information related to received calls, missed calls and dialed calls. The phone can store up to a maximum of 30 calls, consisting of 10 received, missed and dialed calls respectively.

To Check Call Records

1. In standby mode, press left key, goes to *CALL INFO* (Call Information) mode;
2. Press left key again, the display shows *Missed Calls*, *Received Calls*, *Dialed calls* and *Clear All Calls*;
3. Then press left key again, the display shows these calls numbers;
4. Select one number, press left key and **UP / DOWN** button to *Show Details*;
5. Press left key, then the display shows the details of the call, including the call number, and the date and time the call is received or dialed.

HANDSET SETTINGS

To Set Wall Paper

1. Select *< Wall Paper >* under *HANDSET* mode;
2. Press left key to confirm, and press **UP/DOWN** button to scroll through the pictures;
3. Choose the picture you prefer, then press left key to confirm, now the picture is set to the wallpaper of the handset.

To Set External/Internal Ringer Volume (1 -5 level)

1. Select *< Ringer Set >* under *HANDSET* mode;
2. Press left key to confirm, then **UP/DOWN** button to *ExternalVol / InternalVol*;
3. Press left key and **UP/DOWN** button to choose the volume level you want to set; press left key to confirm

To Set External/Internal Ringer Melody (1-9 melody)

1. Select *< Ringer Set >* under *HANDSET* mode;
2. Press left key to confirm and **UP/DOWN** button to *ExternalRing / InternalRing*;
3. Press left key and **UP/DOWN** button to choose the ring melody you want to set; press left key to confirm the choice.

To Set Key Tone On/Off

Each time you press a key on your handset, you hear a tone. You can turn this off if needed.

1. Select < *Ringer Set* > under *HANDSET* mode;
2. Press left key to confirm, then **UP/DOWN** button to *Key Beep*;
3. Press left key and **UP/DOWN** button to set the key beep ON/OFF; press left key to confirm.

Auto Talk Function

Normally, you need to press the **CALL** button to answer an incoming call. But with *AUTOTALK* function turned on, when your handset is ringing for an incoming call, you can answer the call by simply lifting the handset from the base unit without pressing the **CALL** button.

To Set Auto-Talk Function ON/OFF:

1. Select < *Auto-talk* > under *HANDSET* mode;
2. Press left key, and **UP/DOWN** button to set Auto-talk ON/OFF;
3. Then press left key to confirm;

! If you have turned Auto-talk on, do not press the **CALL** button after you've answered a call by lifting the handset, otherwise, you'll disconnect the call.

To Set Handset Name

1. Select < *Handset Name* > under *HANDSET* mode;
2. Press left key to enter; Key in your chosen name; press left key again to confirm

To Set Language

You can change the default language into any language you prefer.

1. Select < *Language* > under *HANDSET* mode;
2. Press left key and **UP/DOWN** button to choose languages; press left key to confirm

To Lock /Unlock the Keypad

- Press left key and “ * “ button consecutively to lock/unlock the keypad.

BASE SETTINGS

To Set Base Melody (1-9 melody)

1. Select < *Ringer Settings* > under *BASE* mode;
2. Select < *Ringer Melody* > under *Ringer Settings*;
3. Press left and **UP/DOWN** button to set the melody; press left key to confirm

To Set Base Volume (1-5 volume level)

1. Select < *Ringer Settings* > under *BASE* mode;
2. Select < *Ringer Volume* > under *Ringer Settings*;
3. Press left key and **UP/DOWN** button to set the volume; press left key to confirm

To Set Dial Mode

You can change dial mode to TONE or PULSE dialing.

1. Select < *Dial Settings* > under *BASE* mode;
2. Select < *Dial Mode* > under *Dial Settings*;
3. Press left key and **UP/DOWN** button to change dial mode as TONE or PULSE; press left key to confirm

Call Barring Function

Call barring enables you to restrict or bar certain types of calls to and from your phone.

To Set Call Barring ON/OFF

1. Select < *Call Barring* > under *BASE* mode;
2. Press left key and **UP/DOWN** button to the location *Barring Mode*;
3. Press left key and **UP/DOWN** button to set Call barring ON/OFF; press left key to confirm.

To Set Call Barring Number

1. Select < *Call Barring*> under *BASE* mode;
2. Select < *Barring Number*> under *Call Barring*;
3. Press left key, then key in the PIN (the default PIN is 0000);
The display shows one of the numbers from 1 to 5 (the maximum call barring numbers you can set), and then key in the telephone number you want to set call barring.
4. Press left key, and then the display shows *HS?*
Key in the handset number that you want to set call barring
5. Press left key to confirm.

To Delete Call Barring Number

1. See 1-3 step above, press left key; the display show the call barring number you set
2. Press and hold right key to clear the number; press left key to confirm.

To set Auto Pause

With the Auto Pause function, the phone will automatically pause for 3 seconds once the initial string of the phone number matches the PABX code. For example, if the user program to enter "9" as PABX code, then when he dials "98118118", then the phone will dial "9" first then pause for 3 seconds follow by "8118118". To set Auto Pause:

1. Select < *Dial Settings*> under *BASE* mode;
2. Select < *Auto Pause* > under *Dial Settings*;
3. It will prompt for pin, key in the pin (the default PIN is 0000)
4. Key in the PABX number. Maximum 5 numbers can be entered. Press left key to confirm.

To set Flash

With the FLASH function, you may select Short or Long flash time for your PABX. You may activate FLASH by pressing R button. To set FLASH:

1. Select < *Dial Settings*> under *BASE* mode;
2. Select < *Flash Time*> under *Dial Settings*;
3. It will prompt for Short or Long flash. Select either one and press left key to confirm.

To Change Base PIN

1. Select < *PIN*> under *BASE* mode;
2. Press left key, and key in the original PIN (default PIN:0000) number;
3. Then press left key to confirm, and key in New PIN;
4. Press left key, then key in New PIN again; press left key to confirm

EXTRA SETTINGS

To Set Alarm Time

1. Select < *Alarm Set* > under *EXTRA* mode;
2. Press left key, then key in the time; press left key to save;

To Set Clock Time

1. Select < *Clock Set* > under *EXTRA* mode;
2. Press left key, then key in the time; press left key to save;

To Set Clock Date

1. Select < *Clock Date* > under *EXTRA* mode;
2. Press left key, then key in the date;
3. Press left key to save;

RESETTING THE SYSTEM

If you have set a PIN and forgotten it, you need to reset the system. The PIN will be reset to 0000. If you reset the system, you will lose all stored information (including numbers in memory) and all features will return to their default settings.

While you are resetting the system, you should disconnect the telephone line cord from the back of the base unit, so you won't be interrupted by incoming calls. To reset the system without the PIN:

1. Disconnect the power lead from the back of the base unit;
2. Press and hold the **HANDSET LOCATOR PAGE** button in the base unit;
3. Connect the power lead into the back of the base unit. After you hear "beep" sound for five times, then release the **LOCATOR** button
4. You will hear confirmation tone from the base unit.

HANDSET REGISTRATION

Your phone is supplied with the handset already registered to the base unit, and you shouldn't need to register it. But if you've bought extra handset, you'll need to register each one to your original base unit. Maximum 5 handsets can be registered to one base.

To register a handset

1. Press and hold the **Handset locator PAGE** button on the base unit for a while, until you hear "beep" sound twice continuously;
2. Press left key, then **UP/DOWN** button to the location *REGISTRATION*;
3. Press left key, then **UP/DOWN** button to the location *BASE SUB*;
4. Press left key again, The display shows *BASE 1; BASE 2; BASE 3; BASE 4*;
5. Press **UP/DOWN** button to scroll through base, and press left key, then enter base PIN, and press left key to confirm, the display shows *SEARCH + selected number*
After a while, when the handset finds the base unit, the display shows *PIN*

INTERCOM AND TRANSFER

To make an intercom call

1. Press the **RECALL** button and you hear the DIAL Tone
2. Key in the number of the other handset

On the other handset's display, your number appears, and the **INT** symbol flashes. Then the other handset user presses the **CALL** button to connect the call.

For details of how to change the ringing melody and volume for intercom calls, see "INT MELODY" and "INT VOLUME" under "HANDSET SETTING" part.

To end an intercom call

- Press the **CALL** button on your handset. The other person will hear Busy tone, and also need to press the **CALL** button to hang up.

To transfer a call

When you have made or answered an outside call, to transfer it to another handset:

- Press the **RECALL** button and key in the number of the other handset;
- Press the **CALL** button to hang up and transfer the call

*The outside call is put on hold. When the other handset answers, you can speak to the user. If the other handset does not answer, you can get back to the outside call by pressing the **RECALL** button again.*

TROUBLESHOOTING

If you experience difficulties with the operation of your phone, refer to the advice given below.

1. "The handset does not ring"

Check the base unit's mains power adaptor is plugged in and power is switched on. The base unit needs mains power for normal operation of the phone, not just for charging the batteries.

Make sure you are using the telephone line cable that was supplied with your phone. Other telephone line cables might not work.

2. "There is no dial tone"

Check that the handset is registered to the base station.

Check that the line cord is securely connected at both ends and is undamaged.

Check the power to the base station is on and connected.

3. "The base does not ring."

Check that the base power is ON, and the base ringer is set ON.

Check that the line cord is correctly fitted and undamaged.

4. "The CHARGE light on the base unit does not come on."

Check the handset is properly stationed.

Check the connections between the base unit and mains power socket.

Clean the battery charging contacts with a dry cloth.

5. "When I press the CALL button, I hear a loud noise."

The strange noise is caused by interference. Disconnect the mains power lead from the back of the base unit, and then wait for 30 seconds before reconnecting it.

7. "I cannot make or answer calls."

Move the handset closer to the base unit.

Try a different location for the base unit, perhaps higher, or further from other electrical equipment.

Check the Battery Level symbol on the display. If it is low, replace the handset on the base unit to recharge the batteries.

Switch off power at the mains socket, wait for a few seconds and then switch back on.

8. "The handset's battery are running low within an hour or two."

Before you used the handset for the first time, you should have left it on the base unit for up to 15 hours to charge the battery fully.

You may need to replace the battery.

9. "Last Number Redial and/or memory dialing don't work on a PBX."

When you first make a call, try press the # button for a pause between the outside line access digit and the telephone number.

You should later be able to redial the number.

10. "I cannot transfer a call."

Make sure the other handset is within range of the base unit, and is not busy on a call.

Make sure you are keying in the correct number for the other handset.

TECHNICAL DETAILS

Full DECT GAP Compatible System

Standard

Frequency range	: 1.88 to 1.9 GHz
Channel bandwidth	: 1.728 MHz
Modulation	: GMSK
Operating range	: Up to 300 m outdoor. Up to 50 m indoor
Operating time	: Standby time of 100 hours, Operating time of 8 hours.
Temperature range	: Operating at 0°C to 40°C, Storage at 20°C to 60°C
Electrical power	: Handset- 2x1.2V 750mAH NiMH rechargeable battery Base- Input 230 V AC, 50 Hz. Output AC 9 V, 300mA
PABX compatibility	: Pause length: 3 seconds. Signaling type: DTMF (dual-tone multifrequency) Pulse dialing.

DECLARATION OF CONFORMITY

The SD8301 complies with the essential protective requirements and objectives of:

- EC R& TTE Directive 1999/5/EC
- EC Low Voltage Directive 73/23/EEC
- EC EMC Directive 89/336/EEC

